

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between same (first same (electron adj beam adj pas\$6 adj hole) and (third or last) same electron adj beam adj pas\$6 adj hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:09
L1	1	"20010011865" and horizontal and second and electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:00
L2	1	"20010011865" and horizontal and second and electrode\$1 and hole\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:37
L3	1	"20010011865" and horizontal and second and electrode\$1 and hole\$1 and correct\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:38
L4	1	"7167170".pn. and horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:48
L5	1	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 same electron same beam\$6) and first same electrode\$1 and control\$6 same emi\$9 same amount\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:49
L6	62	"345"/\$.ccls. and (CRT or cathode adj ray adj tube) and fluorescent same form\$6 same inner same surface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:53

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L7	1	"345"/\$.ccls. and (CRT or cathode adj ray adj tube) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:52
L8	1	"345"/\$.ccls. and (CRT or cathode adj ray adj tube) and fluorescent same form\$6 same inner same surface and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 same electron same beam\$6) and first same electrode\$1 and control\$6 same emi\$9 same amount\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:52
L9	1	"345"/\$.ccls. and (CRT or cathode adj ray adj tube) and fluorescent same form\$6 same inner same surface and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:53
L10	34	"345"/\$.ccls. and (CRT or cathode adj ray adj tube) and fluorescent same form\$6 same inner same surface and horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:21
L11	2	"345"/\$.ccls. and (CRT or cathode adj ray adj tube) and fluorescent same form\$6 same inner same surface and horizontal same slot\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:54
L12	1558	(cathode adj ray adj tube or CRT) and horizontal same slot\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:55
L13	36	(cathode adj ray adj tube or CRT) and horizontal same slot\$1 same second same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:56
L14	13	(cathode adj ray adj tube or CRT) and horizontal same slot\$1 same second same electrode\$1 same electron same beam same pass\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:59

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L15	8	(cathode adj ray adj tube or CRT) and horizontal same slot\$1 same second same electrode\$1 same electron same beam same pass\$6 and yoke	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:00
L16	8	(cathode adj ray adj tube or CRT) and horizontal same slot\$1 same second same electrode\$1 same electron same beam same pass\$6 and (yoke and shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:14
L17	0	(cathode adj ray adj tube or CRT) and horizontal same slot\$1 and second same electrode\$1 and electron same beam same pass\$6 and (yoke same chnage same shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:08
L18	0	(cathode adj ray adj tube or CRT) and (yoke same chnage same shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:08
L19	3	(cathode adj ray adj tube or CRT) and horizontal same slot\$1 and second same electrode\$1 and electron same beam same pass\$6 and (yoke same change same shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:11
L20	1	(cathode adj ray adj tube or CRT) and horizontal same slot\$1 and second same electrode\$1 and electron same beam same pass\$6 and (yoke and funnel same change same shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:11
L21	2	(cathode adj ray adj tube or CRT) and horizontal same slot\$1 and second same electrode\$1 and electron same beam same pass\$6 and (yoke and funnel same shape)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:12
L22	6	(cathode adj ray adj tube or CRT) and horizontal same slot\$1 same second same electrode\$1 same electron same beam same pass\$6 and (yoke and funnel\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:15
L23	1	"20010013760" and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:40
L24	1	"20010013760" and yoke	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 09:41

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L25	1	"345"/\$.ccls. and (CRT or cathode adj ray adj tube) and main adj lens\$1 same diameter same horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:53
L26	1	"345"/\$.ccls. and (CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:53
L27	180	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:54
L28	85	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and horizontal same distance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:54
L29	61	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and horizontal same distance same between	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:54
L30	4762	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and horizontal same distance same between same first same elcetron same beam same pas\$6 same hole same third same elcetron same beam same pas\$6 same hole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:56
L31	0	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and horizontal same distance same between same first same electron same beam same pas\$6 same hole same third same elcetron same beam same pas\$6 same hole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:56
L32	0	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and first same electron same beam same pas\$6 same hole and third same elcetron same beam same pas\$6 same hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:57

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L33	24	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and first same electron same beam same pas\$6 same hole and third same electron same beam same pas\$6 same hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:59
L34	1	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal adj distance and between and first same electron same beam same pas\$6 same hole and third same electron same beam same pas\$6 same hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:59
L35	22	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and first same electron same beam same (pas\$6 adj hole) and third same electron same beam same (pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:00
L36	24	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and first same electron same beam same pas\$6 same hole and third same electron same beam same pas\$6 same hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:59
L37	22	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and first same (electron adj beam) same (pas\$6 adj hole) and third same (electron adj beam) same (pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:04
L38	0	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and first adj (electron adj beam) same (pas\$6 adj hole) and third same (electron adj beam) same (pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:01
L39	0	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and (first adj electron adj beam) same (pas\$6 adj hole) and third same (electron adj beam) same (pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:01

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L40	22	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and first same (electron adj beam) same (pas\$6 adj hole) and (third or last) same (electron adj beam) same (pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:06
L41	0	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and (first adj electron adj beam and pas\$6 adj hole) and (third or last) same (electron adj beam) same (pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:06
L42	0	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and (first adj electron adj beam\$1 and pas\$6 adj hole) and (third or last) same (electron adj beam) same (pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:06
L43	21	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and first same (electron adj beam adj pas\$6 adj hole) and (third or last) same (electron adj beam) same (pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:07
L44	21	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between and first same (electron adj beam adj pas\$6 adj hole) and (third or last) same (electron adj beam) adj (pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:08
L45	10	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal same distance and between same (first same (electron adj beam adj pas\$6 adj hole) and (third or last) same electron adj beam adj pas\$6 adj hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:17
L46	0	(CRT or cathode adj ray adj tube) and main adj lens\$6 adj diameter adj horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:18

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L47	15	(CRT or cathode adj ray adj tube) and (main adj lens\$6 adj diameter) same horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:49
L48	1	(CRT or cathode adj ray adj tube) and (main adj lens\$1) same diameter same horizontal and (horizontal adj distance and between and first same electron same beam same pas\$6 adj hole and third same electron same beam same pas\$6 same hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:19
L49	2	(CRT or cathode adj ray adj tube) and (main adj lens\$6 adj diameter) same horizontal and distance same between same electron same beam same pas\$6 same hole\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 11:20
L50	15	(CRT or cathode adj ray adj tube) and (main adj lens\$6 adj diameter) same horizontal and yoke	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 13:50
L51	0	"20010011865" and flat	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:00
L52	1	"20010011865" and yoke	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:23
L53	1	"5731657".pn. and flat	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:47
L54	0	"5731657".pn. and flat and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:21
L55	0	"5731657".pn. and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 14:21

## EAST Search History

L56	1	"20010011865" and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:04
L57	1	"20010011865" and anode and equal and vertical and horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:14
L58	0	"200100113760" and anode and equal and vertical and horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:14
L59	0	"200100113760" and anode and vertical and horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:15
L60	1	"20010013760" and anode and vertical and horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:15
L61	1	"20010013760" and anode and vertical and horizontal and equal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:20
L62	0	"20010013760" and beam\$6 same size\$6 and equal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:20
L63	1	"20010013760" and beam\$6 and size\$6 and equal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:36
L64	0	"20010013760" and correct\$6 and voltage\$1 and depth	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:36
L65	2	"20010013760" and correct\$6 and voltage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:36

## EAST Search History

L66	0	"5731657".pn. and depth	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:48
L67	0	"5731657".pn. and deep\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 15:48
L68	19871	(cathode adj ray adj tube or CRT) and depth	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 18:49
L69	2	(cathode adj ray adj tube or CRT) and depth same open\$6 same portion same correct\$6 same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 16:12
L70	445	(cathode adj ray adj tube or CRT) and depth same opening same portion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 18:52
L71	10	(cathode adj ray adj tube or CRT) and depth same opening same portion and correct\$6 same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 19:25
L72	2	(cathode adj ray adj tube or CRT) and depth same opening same portion and correct\$6 same electrode\$1 and electrode\$1 same anode same voltage\$1 same appl\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 18:53
L73	6	(cathode adj ray adj tube or CRT) and depth same opening same portion and correct\$6 same electrode\$1 and voltage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 19:30
S1	123082	cathode adj ray adj tube	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:39
S2	227636	(cathode adj ray adj tube or CRT)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:55

## EAST Search History

S3	146	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:40
S4	146	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:43
S5	47	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:45
S6	39	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:50
S7	36	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:50
S8	23	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:54

## EAST Search History

S9	18	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and select\$6 same color\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:55
S11	1	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and select\$6 same color\$6 same electron same beam\$6 and first same electrode\$1 and control\$6 same emission same amount	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:03
S13	1	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 same electron same beam\$6) and (first same electrode\$1 and control\$6 and emi\$9 same amount\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:05

## EAST Search History

S14	1	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 and electron same beam\$6) and first same electrode\$1 and control\$6 same emi\$9 same amount\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:06
S15	22	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 and electron same beam\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:22
S16	7	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 and electron same beam\$6) and first same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:23
S17	7	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 and electron same beam\$6) and (first same electrode\$1 and control\$6 same electron same emi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:24

## EAST Search History

S18	7	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 and electron same beam\$6) and (first same electrode\$1 and control\$6 same electron same emi\$6) and second same electrod\$1 same control\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:25
S19	7	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 and electron same beam\$6) and (first same electrode\$1 and control\$6 same electron same emi\$6) and (second same electrod\$1 same control\$6 and accelerat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:27
S20	7	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 and electron same beam\$6) and (first same electrode\$1 and control\$6 same electron same emi\$6) and (second same electrod\$1 same control\$6 and accelerat\$6) and main same focus\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:28

## EAST Search History

S21	7	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 and electron same beam\$6) and (first same electrode\$1 and control\$6 same electron same emi\$6) and (second same electrod\$1 same control\$6 and accelerat\$6) and main same focus\$6 and hole\$1 and distance\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:37
S22	5	(cathode adj ray adj tube or CRT) and fluorescent same form\$6 same inner same surface and funnel same connect\$6 same panel\$6 and electron same gun same hous\$6 same funnel\$6 and emit\$6 same electron same beam\$6 and deflect\$6 same yoke and deflect\$6 same electron same beam\$6 and (horizontal avd vertical) same direct\$6 and shadow\$6 same mask\$6 and (select\$6 and color\$6 and electron same beam\$6) and (first same electrode\$1 and control\$6 same electron same emi\$6) and (second same electrod\$1 same control\$6 and accelerat\$6) and main same focus\$6 and (hole\$1 and distance\$6 and ratio and beam\$6 same pas\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:30
S23	2	"6396221".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:35
S24	1	"6396221".pn. and ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:36
S25	0	"6396221".pn. and ratio same distance\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:36

## EAST Search History

S26	45655	(cathode adj ray adj tube or CRT) and ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:21
S27	4777	(cathode adj ray adj tube or CRT) and ratio same distance\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:38
S28	126	(cathode adj ray adj tube or CRT) and ratio same distance\$6 same hole\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:38
S29	26	(cathode adj ray adj tube or CRT) and ratio same distance\$6 same hole\$1 same pass\$6 same beam\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:39
S30	11	(cathode adj ray adj tube or CRT) and ratio same distance\$6 same (travel\$6 OR PASSAGE\$6) same hole\$1 same pass\$6 same beam\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:39
S31	236	(cathode adj ray adj tube or CRT) and horizontal same inside same (diameter or Dr)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:30
S32	43	(cathode adj ray adj tube or CRT) and horizontal same inside same (diameter or Dr) and main same focus\$6 same len\$1 and horizontal same (distance or Di)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:38
S33	24	(cathode adj ray adj tube or CRT) and horizontal same inside same (diameter or Dr) and main same focus\$6 same len\$1 and horizontal same (distance or Di) and between and hole\$1 same electron same beam\$6 same pas\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:39
S34	1	(cathode adj ray adj tube or CRT) and horizontal same inside same (diameter or Dr) and main same focus\$6 same len\$1 and horizontal same (distance or Di) and between and hole\$1 same electron same beam\$6 same pas\$6 and correct\$6 same electrode\$1 same mount\$6 and satisfy\$6 and relat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:39

## EAST Search History

S35	1	(cathode adj ray adj tube or CRT) and horizontal same inside same (diameter or Dr) and main same focus\$6 same len\$1 and horizontal same (distance or Di) and between and hole\$1 same electron same beam\$6 same pas\$6 and correct\$6 same electrode\$1 and satisfy\$6 and relat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:40
S36	13	(cathode adj ray adj tube or CRT) and horizontal same inside same (diameter or Dr) and main same focus\$6 same len\$1 and horizontal same (distance or Di) and between and hole\$1 same electron same beam\$6 same pas\$6 and correct\$6 same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:41
S37	0	(cathode adj ray adj tube or CRT) and horizontal same inside same (diameter or Dr) and main same focus\$6 same len\$1 and horizontal same (distance or Di) and between and hole\$1 same electron same beam\$6 same pas\$6 and correct\$6 same electrode\$1 and (distance or Di) same divid\$6 same (diameter or Dr)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:42
S38	7	(cathode adj ray adj tube or CRT) and horizontal same inside same (diameter or Dr) and main same focus\$6 same len\$1 and horizontal same (distance or Di) and between and hole\$1 same electron same beam\$6 same pas\$6 and correct\$6 same electrode\$1 and (distance or Di) same (divid\$6 or ratio or relat\$6) same (diameter or Dr)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 16:03
S39	13	(cathode adj ray adj tube or CRT) and horizontal same inside same (diameter or Dr) and main same focus\$6 same len\$1 and horizontal same (distance or Di) and between and hole\$1 same electron same beam\$6 same pas\$6 and correct\$6 same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:43
S40	2	(cathode adj ray adj tube or CRT) and horizontal same distance and between and outside same end and outer same electron same beam same passing same hole and outside same end same electron same beam same passing same hole and correct\$6 same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 16:15

## EAST Search History

S41	867	(cathode adj ray adj tube or CRT) and diameter same main same len\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 16:20
S42	2	(cathode adj ray adj tube or CRT) and diameter same main same len\$1 and diameter same three same electrode same hole\$1 same combined	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:03
S43	14	(cathode adj ray adj tube or CRT) and diameter same main same len\$1 and diameter same three same electrode same hole\$1 same add\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:25
S44	11	(cathode adj ray adj tube or CRT) and diameter same main same len\$1 same (large\$6 or great\$6) and diameter same three same electrode same hole\$1 same add\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 22:56
S45	0	(cathode adj ray adj tube or CRT) and (length or distance) same main same len\$1 same (consist\$6 or compris\$6 or contain\$6) same (large\$6 or great\$6) and diameter same three same electrode same hole\$1 same add\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:28
S46	5	(cathode adj ray adj tube or CRT) and (length or distance) same main same len\$1 same (large\$6 or great\$6) and main same len\$1 same (consist\$6 or compris\$6 or contain\$6) same three same electrode same hole\$1 and diameter same three same electrode same hole\$1 same add\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:34
S47	6	(cathode adj ray adj tube or CRT) and diameter same main same len\$1 same (large\$6 or great\$6) and main same len\$1 same (consist\$6 or compris\$6 or contain\$6) same three same electrode same hole\$1 and diameter same three same electrode same hole\$1 same add\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:40
S48	5	(cathode adj ray adj tube or CRT) and diameter same main same len\$1 same (equal) and main same len\$1 same (consist\$6 or compris\$6 or contain\$6) same three same electrode same hole\$1 and diameter same three same electrode same hole\$1 same add\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:40

## EAST Search History

S49	1	Youn same Jin same Kim and Jae same Ho same Lee	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:48
S50	15	Youn same Jin same Kim	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:49
S51	1	Youn same Jin same Kim and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:48
S52	10	Youn same Jin same Kim and (CRT or cathode same ray same tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:55
S53	1	Cathode adj ray adj tube and improv\$6 adj electron adj gun and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:56
S54	165	Cathode adj ray adj tube and improv\$6 adj electron adj gun	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:56
S55	3	(cathode adj ray adj tube or CRT) and horizontal same size same main same len\$1 same (large\$6 or great\$6) and diameter same three same electrode same hole\$1 same add\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 22:59
S56	0	(cathode adj ray adj tube or CRT) and (horizontal adj size) same main same len\$1 and ratio and horizontal adj size same three same electrode same hole\$1 same add\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 23:00
S57	14	(cathode adj ray adj tube or CRT) and (horizontal adj size) same main same len\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 23:00
S58	11	(cathode adj ray adj tube or CRT) and (horizontal adj size) same main same len\$1 and ratio and ( horizontal adj size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 16:02

## EAST Search History

S59	0	(cathode adj ray adj tube or CRT) and (horizontal adj size) same main same len\$1 and ratio and (horizontal adj size) same three same electrode\$1 same hole\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 23:04
S60	5	(cathode adj ray adj tube or CRT) and (horizontal adj size) same main same len\$1 and ratio and (horizontal adj size) same electrode\$1 same hole\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 23:09
S61	8	(cathode adj ray adj tube or CRT) and (horizontal adj size) same main same len\$1 and (horizontal adj size) same electrode\$1 same hole\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 23:10
S62	5	(cathode adj ray adj tube or CRT) and (horizontal adj size) same main same len\$1 and (horizontal adj size) same electrode\$1 same hole\$1 and three	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 23:09
S63	18513	"345"/\$.ccls. and (CRT or cathode adj ray adj tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 08:50
S64	15	"345"/\$.ccls. and (CRT or cathode adj ray adj tube) and main adj lens\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 10:52